Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 20 Feb 2022 until 23:59 on Monday 21 Feb 2022

Forecast Issued on Sunday 20 Feb 2022 at 02:06

Confidence: High for unsettled and often windy conditions with changes between milder and colder conditions, but lower for timings of arrival and clearance of more persistent spells of precipitation.

Headline for Sunday 20 Feb 2022: Wet and windy, clearing to wintry showers around dusk.

Mountain weather hazards on Sunday 20 Feb 2022

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Heavy Rain	Heavy Rain	Heavy snow showers (night)	Light snow showers (night)
Precipitation probability					
>95%	80%	>95%	>95%	60%	40%

Forecast for Sunday 20 Feb 2022

Weather: Wet and windy with periods of heavy rain making underfoot conditions very difficult, but there could be a drier spell in the morning. Perhaps some very heavy rain for a time in afternoon and stormy too and rain turning to sleet or snow over the tops before clearing towards dusk. A few clear spells in the evening, but with occasional blustery, wintry showers and blizzard conditions possible.

Chance of cloud-free hill tops above 600m: Little chance for much of the day, but 25% over far eastern hills, rising to around 70% after dark

Low cloud and visibility: Moderate or poor beneath cloud much of the day, but very good in evening, though quickly lowering to a kilometre or less in wintry showers and near zero in blizzard conditions. Very poor visibility at height for much of the day, with persistent cloud above 450-600m and patches below across western hills, but occasionally broken above 600m in the east and becoming scattered or broken 500-800m after dark.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.

Mountain Weather Forecast

Forecast for Sunday 20 Feb 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	38/47 SW	37/48 SW	38/51 SW	38/53 W	37/52 W	37/53 W	37/52 W
300	31/41 SW	29/40 SW	30/44 SW	31/46 W	30/47 W	31/47 W	29/44 W
Valley	18/40 SW	18/39 SW	21/43 SW	21/46 W	23/47 W	24/48 W	22/45 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/-1	6/0	7/0	5/-2	1/-8	-2/-11	-2/-11
300	8/2	8/3	9/4	8/2	3/-3	1/-7	1/-7
Valley	8/4	9/5	9/6	8/4	4/-2	2/-5	1/-5
Freezing Level*	1800m	1800m	1800m	1400m	600m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild during hours of daylight, but some chill effect at height with rain and gale force winds and becoming colder later.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 20 Feb 2022	13.6mm	28.4mm	34.4mm

Forecast for Monday 21 Feb 2022

Weather: Cloudy and windy overnight with showers merging to longer spells of rain or snow, but snow level lifting to the summits by the morning. Then a cloudy, wet and windy start with occasionally heavy rain and summit snow but this will die out through the morning and cloud will lift and break in afternoon, with some lengthy spells of sunshine before dark. Then clear periods in evening but high cloud increasing from the west.

Maximum wind: Westerly, turning northwesterly in morning, 40-50mph, with gusts around 75mph over ridges and summits. Gradually easing 20-30 gusts 40mph through the afternoon and becoming west or southwesterly in evening.

Chance of cloud-free hill tops above 600m: 20%, becoming 70% by the afternoon.

Low cloud and visibility: Mainly good or very good but sometimes poor in precipitation and very poor at height where in cloud, this rather extensive for much of the morning, above 500 or 600m, but occasionally lower in rain, becoming scattered to broken above 600-800m by the afternoon.

Temperature: **Valleys:** Plus 3 or 4 C at first rising to plus 11 C
At 600m: Minus 2 C rising to plus 3 C
Freezing level: 300m in early hours, but 800m by morning

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2022. All Rights Reserved.